US 1 IS ASSUMED TO RUN IN
A NORTH-SOUTH DIRECTION

CONSTRUCTION DETAILS

B. INSTALL HANDHOLE.
C. INSTALL 2" POLYVINYL CHLORIDE (SCHEDULE 40) ELECTRICAL CONDUIT - TRENCHED.
E. REUSE EXISTING CABINET, CONTROLLER, AND AMPLIFIER.
F. INSTALL 1" FLEXIBLE NON-METALLIC ELECTRICAL CONDUIT FOR DETECTOR LEAD-IN.
H. INSTALL MICROLOOP TRIPLE PROBES.
I. ABANDON AND DISCONNECT EXISTING LOOP DETECTOR.
J. INSTALL 6' x 30' LOOP DETECTOR (3-6-3 TURNS) ENCASED IN 1/4" FLEXIBLE TUBING.
K. USE EXISTING HANDHOLE.
L. USE EXISTING CONDUIT.
M. INSTALL 24" WIDE STOP BAR (SEE SIGNING AND PAVEMENT MARKING SHEETS).

EXISTING SIGNS

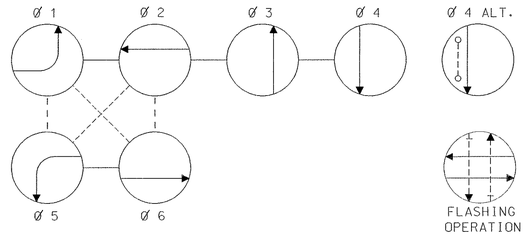
11a,11b,13a,13b — R10-12, 36"X42" — LEFT TURN YIELD ON GREEN
15 — R3-5 L, 30"x36" — ONLY
16 — R3-6, 30"x36" — ONLY
17 — R3-5 R, 30"x36" — ONLY

12a,14b — Business Pkwy. — DUAL FACED, D3-2, VARIABLE x 16"
12b,14a — Business Pkwy. — DUAL FACED, D3-2, VARIABLE x 16"

EXISTING SIGNALS

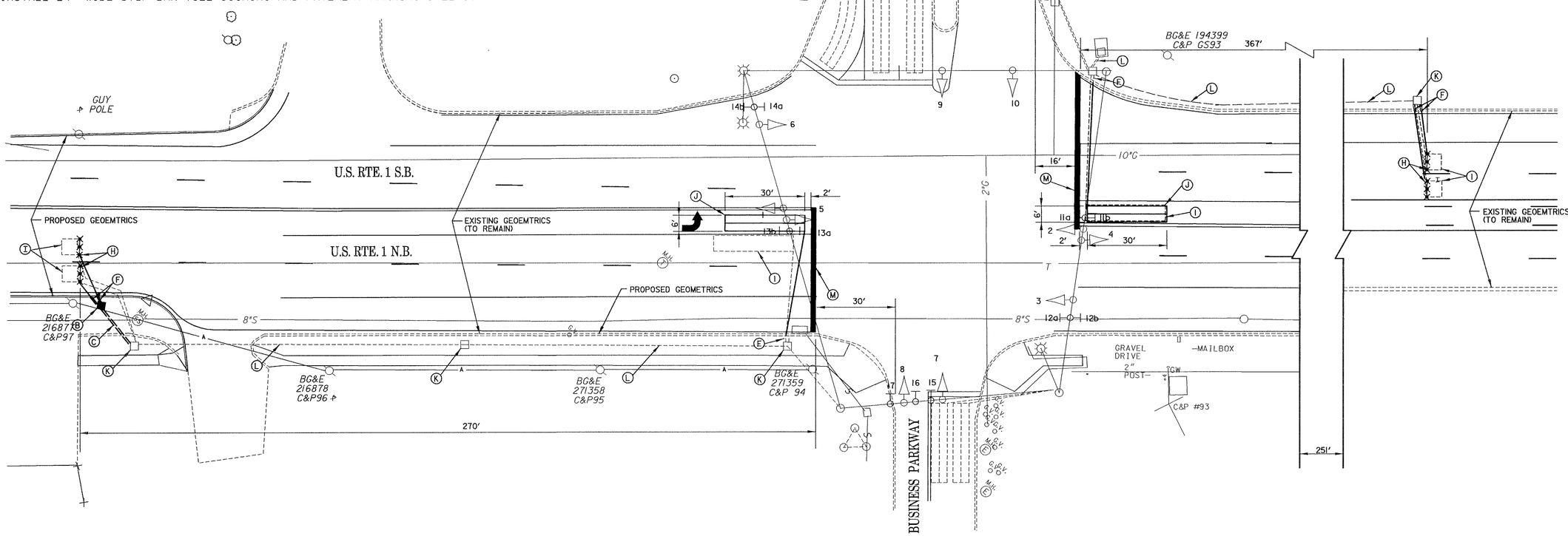
1,4 — R 8", Y 8", G 8", 12"
3,6,8,10 — R, Y, G, 12"
2,5 — R, Y, G
7,9 — R, Y, G, 12"

NEMA PHASING



NEMA NOTES

1. PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY
2. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY



NOTES:

1. THE SIGNAL CONTRACTOR SHALL CONFIRM GEOMETRICS PRIOR TO THE INSTALLATION OF SIGNAL EQUIPMENT.
2. LOOP DETECTORS AND CONDUIT SHALL BE INSTALLED PRIOR TO THE INSTALLATION OF PAVEMENT MARKINGS
3. PROPOSED PAVEMENT MARKINGS ARE TO BE INSTALLED BY THE CONTRACTOR IN ACCORDANCE WITH S.H.A. STANDARDS. PROPOSED PAVEMENT MARKING DETAILS ARE SHOWN ON THE SIGNING AND PAVEMENT MARKING PLAN.
4. ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC AND ARE NOT TO BE CONSIDERED COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING ALL UTILITY COMPANIES PRIOR TO CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN THE UTILITIES AND THE TRAFFIC SIGNAL WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE APPROPRIATE PROJECT ENGINEER IMMEDIATELY.

UTILITY LEGEND

G—G	GAS MAIN
W—W	WATER MAIN
S—S	SEWER MAIN
E—E	ELECTRICAL CABLES
A—A	AERIAL CABLES
T—T	TELEPHONE CABLES

REVISIONS

A	REPLACE DETECTION ON US 1.	
2/14/00	S.H.A. NO. H0761S176	
JCR		

APPROVALS

TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
ASST. CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
DIRECTOR, TRAFFIC & SAFETY
ORIGINAL ON FILE

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION

TRAFFIC SIGNAL PLAN
U.S. RTE. 1 AT BUSINESS PARKWAY

DRAWN BY:	S.R. BARANOWSKI	F.A.P. NO.	NH-251-1(35)N	TS NO.	SHEET NO.
CHECKED BY:	S.A.B.	S.H.A. NO.	BW-473-802-712	TS3238A	47 OF 95
SCALE:	1" = 20'	COUNTY:	HOWARD	T.I.M.S. NO.	
DATE:	4/17/92	LOG MILE:	13000106.87	N/A	